



**CITY OF SCOTTSDALE
GREEN BUILDING ADVISORY COMMITTEE
SCOTTSDALE ONE CIVIC CENTER
7447 E. INDIAN SCHOOL RD #125
SCOTTSDALE, AZ 85251**

MAY 8, 2007

Minutes

PRESENT: Ronald Hand, Co-Chair, E/FECT
Daniel Aiello, Janus II Environmental (arrived at 3:08 p.m.)
Joan Baron, Baron Studio (arrived at 3:11 p.m.)
Nick Davis, Beck Group
Lance Donatello, Scottsdale citizen
Kevin Edwards, Edwards Design Group
Lee Feliciano, Valley of the Sun Solar
Jesse Henson, Kyocera Solar (arrived at 3:12 p.m.)
Laurie Jackson, DMB Associates (attended from 3:35 to 4:30 pm)
Mary Grace Maglio, Archit'I Resource Team
Julie Stanton, Stanton Consulting
Beverly Westgaard, AZ Envir. Strategic Alliance

ABSENT: Michele Cohen, Chair
Christopher G. Harrison, Grayhawk Dev.
DeeJaye Lockwood, Windermere Sonoran Properties
Frances Smith, Southwest Gas Corp

STAFF: Anthony Floyd, Green Building Manager
Larry Person, Environmental Planner
Chuck Skidmore, Energy Manager
Ashley Zawrotny, Green Building Assistant

OTHERS: Leigh Hersey, Development Associate, SMOCA
Victor Hall, KoBay Financial
Beth Hoffman
James McCay, EQAB
Joshua Rush, Greenstreet Properties

I. Call to Order/Roll Call/Recognition of Guests

Co-Chair Hand called the meeting to order at 3:05 p.m. A formal roll call confirmed the presence of members as noted above. Attendees were invited to introduce themselves.

II. Approval of Minutes

Co-Chair Hand requested that all references to Commissioners be changed to Committee Members.

COMMITTEE MEMBER WESTGAARD MOVED TO APPROVE THE MINUTES OF THE APRIL 10, 2007 REGULAR MEETING AS AMENDED. SECONDED BY COMMITTEE MEMBER MAGLIO, THE MOTION WAS APPROVED UNANIMOUSLY BY A VOTE OF NINE (9) TO ZERO (0).

III. Public Comment

Co-Chair Hand distributed copies of the Sustainability Indicators Report recently issued by EQAB. The report gauges the environmental health, economic sustainability and quality of life in Scottsdale.

Mr. Person requested that the attached survey be completed and returned by the end of the month. The feedback provided would be used to evaluate the suitability of the indicators, and determine which should be added to future reports.

In response to an inquiry from Committee Member Westgaard, Mr. Person said some indicators use data as current as 2006, but that availability varies depending on the indicator.

IV. Ratification of Prior Committee Actions

Mr. Person said the City Clerk has asked the GBAC to ratify actions taken at past meetings.

- a. August 8, 2006 meeting

COMMITTEE MEMBER AIELLO MOVED TO RATIFY AGENDA ITEM A; APPROVAL OF MINUTES FROM THE JULY 11, 2006 GBAC MEETING. SECONDED BY COMMITTEE MEMBER EDWARDS, THE MOTION CARRIED UNANIMOUSLY BY A VOTE OF ELEVEN (11) TO ZERO (0).

- b. December 12, 2006 meeting

COMMITTEE MEMBER WESTGAARD MOVED TO RATIFY AGENDA ITEM B1; APPROVAL OF MINUTES FROM THE NOVEMBER 21, 2006 GBAC MEETING. SECONDED BY COMMITTEE MEMBER DAVIS, THE MOTION CARRIED UNANIMOUSLY BY A VOTE OF ELEVEN (11) TO ZERO (0).

COMMITTEE MEMBER BARON MOVED TO RATIFY AGENDA ITEM B2; APPROVAL OF RECOMMENDATION TO EQAB THAT A SUSTAINABILITY FORUM BE HELD. SECONDED BY COMMITTEE MEMBER AIELLO, THE MOTION CARRIED UNANIMOUSLY BY A VOTE OF ELEVEN (11) TO ZERO (0).

c. February 13, 2007

COMMITTEE MEMBER WESTGAARD MOVED TO RATIFY AGENDA ITEM C1; APPROVAL OF MINUTES FROM THE JANUARY 9, 2007 GBAC MEETING. SECONDED BY COMMITTEE MEMBER EDWARDS, THE MOTION CARRIED UNANIMOUSLY BY A VOTE OF ELEVEN (11) TO ZERO (0).

COMMITTEE MEMBER AIELLO MOVED TO RATIFY AGENDA ITEM C2; APPROVAL OF RECOMMENDATION TO EQAB THAT A DISCUSSION BE HELD TO GAIN AN UNDERSTANDING OF HOW LEED POLICY IS BEING IMPLEMENTED. SECONDED BY COMMITTEE MEMBER HENSON, THE MOTION CARRIED UNANIMOUSLY BY A VOTE OF ELEVEN (11) TO ZERO (0).

d. March 13, 2007

COMMITTEE MEMBER DAVIS MOVED TO RATIFY AGENDA ITEM D; APPROVAL OF MINUTES FROM THE FEBRUARY 13, 2007 GBAC MEETING. SECONDED BY COMMITTEE MEMBER BARON, THE MOTION CARRIED UNANIMOUSLY BY A VOTE OF ELEVEN (11) TO ZERO (0).

V. EQAB Update

Mr. Person reported that EQAB decided to forward GBAC's recommendation on the LEED-EB initiative, as well as a supporting document on the code amendments. EQAB also approved a recommendation that Mayor/Council initiate the process of constructing a revised energy plan policy, and voted to appoint an Air Quality Advisory Committee.

He reported that EQAB decided to table the recommendation regarding Challenge 2030 and appoint a task force to review it in more depth.

VI. Environmental Innovation Initiatives

In response to an inquiry from Co-Chair Hand, Mr. Person said the 2030 Challenge was tabled because EQAB felt it did not accomplish Scottsdale's purposes. It provides limited benefit and commitment and does not demonstrate a leadership position from the City. The prevailing sentiment was that Scottsdale should construct its own greenhouse gas program and market it heavily, and have it encompass more than just buildings. The Cool Cities Initiative was seen as being unrealistic, since it requires a rollback to 1990 levels.

Committee Member Westgaard inquired if the task force is considering Governor Napolitano's executive order 2006-13. Mr. Person said the group is considering both of the Governor's orders, as well as a number other initiatives. The goal is to extract from each of them resolution statements to create a comprehensive city commitment to reduce greenhouse gas emissions. He said he understands the Mayor's intent is to not

sign onto a disingenuous commitment, or one that does not address emissions in totality. The initiative should include emissions from City operations and the community.

Committee Member Aiello said he did not see any reason Scottsdale could not join in a salient program like Challenge 2030, and then surpass it. Joining is not necessarily following. Committee Member Feliciano concurred, saying that leadership is about setting an example, as long as the plan meets or exceeds the alternative.

Committee Member Westgaard said that as co-author of the initiative, she endorsed the task force's efforts, because it broadens the responsibility for greenhouse gas performance. In addition to buildings, the task force will take things further to include many other contributors to the problem. She requested that the new initiative be presented to GBAC for commentary before it is finalized.

Committee Member Baron said the reason buildings were chosen as the focus the 2030 Challenge is because they are the greatest emitters. The initiative is not perfect, but is a step in the right direction. A lot of effort has been put into its creation, and there is no need to reinvent the wheel. Things are moving fast, and action should be taken now, rather than spending time researching possible solutions. Signing onto Challenge 2030 does not prevent Scottsdale from tackling transportation and other emission sources.

VII. City Update

a. Green Building Standards

Mr. Floyd reported that National Association of Home Builders and the International Code Council have teamed up to develop a national residential green standard that would be codified. A commercial standard is also being developed by the U.S. Green Building Council and the American Society for Heating, Refrigeration and Air-Conditioning Engineers. Many cities are interested in using these standards as shortcuts to a establishing their own green building policies.

COMMITTEE MEMBER AIELLO MOVED TO APPROVE THE MINUTES OF THE DECEMBER 12, 2006 REGULAR MEETING. SECONDED BY COMMITTEE MEMBER WESTGAARD, THE MOTION WAS APPROVED UNANIMOUSLY BY A VOTE OF TWELVE (12) TO ZERO (0).

b. Building/Energy Code Amendments

Mr. Floyd said Council would likely decide whether to adopt the new building code amendments in June. At the request of several committee members, Mr. Floyd clarified the technical details of the code amendments.

c. Facilities

Mr. Floyd reported that Fire Station 602 is currently in plan review and out to bid. The RFPs for architectural services are out for a number of other fire stations. The Senior Center has received LEED-Gold certification, making it the first in Scottsdale. There will be a dedication on May 15 at 7:30 a.m. The President of the USGBC, Sandy Wiggins, will attend.

Mr. Person reported that the Transportation Department has indicated that a joint transportation project with Tempe will be LEED-Silver certified. Two more planned facilities are intended to comply with Scottsdale's LEED-Gold policy, even though they are partially funded from outside sources.

VIII. Work Group Discussions

a. Design Day

No report.

b. Policy

No report.

c. Education

Committee Member Henson said the work group has not met in a while. The group is trying to install a PV system at Desert Mountain High School. PV modules have been donated by ASU. APS offers mini-grants of up to \$500 for these types of initiatives. He asked whether the GBAC would be willing to provide funding for the project.

Committee Member Feliciano asked whether students could raise funds. Committee Member Henson responded that the School District was not initially approached with this option in mind.

Committee Member Aiello inquired whether the GBAC could legally distribute or solicit funds under the name of the City of Scottsdale. Mr. Floyd responded that the GBAC does have the authority, with the caveat that there is no conflict of interest. Typically, Council approval is required for expenditures. In order to give money to the SUSD, the GBAC must enter into an intergovernmental agreement. Committee Member Henson said that GBAC is only donating materials and services to the SUSD. The money would be used to purchase the system.

Committee Member Edwards inquired if the GBAC had \$5,000 to give. Mr. Floyd responded that the GBAC has money set aside for green building promotion and education efforts.

Co-Chair Hand said before a vote can be taken, a detailed proposal would be needed. Committee Member Henson said he wanted to get an indication from GBAC first whether there was any willingness to allocate funds.

Committee Member Jackson inquired what the educational component of the project would be. Co-Chair Hand responded that the goal is to install a PV system at Desert Mountain High School to enable the Physics teacher to integrate its data into the curriculum. A public display would also tally the amount of energy generated by the system.

Co-Chair Hand asked Committee Members whether they would object to entertaining the funding proposal.

Committee Member Feliciano stressed the importance of getting the most out of the money by ensuring that the program receives the broadest public exposure possible.

Mr. McCay said GBAC should not isolate itself, but rather partner with organizations like the Arizona Foundation for Environmental Education that have worked to integrate environmental concepts into school curricula.

d. Lecture Series

Ms. Zawrotny reported that 50 to 60 people attended the Innovative Design lecture. Speakers discussed the Granite Reef Senior Center, the Optima Camelview project, and several residential projects. The last lecture of the season will cover green feng shui.

Committee Member Aiello said that turnout for the last lecture was not as high as normal, because the original speaker was unable to attend. A more intimate space for the series would be desirable.

The Valley of the Sun Solar Sustainables Spring Tour featured 15 sites. Open houses were located across the Valley, and approximately 1,500 to 2,000 people attended. National Geographic photographed some of the tour sites, and local media was present. The next tour is scheduled in October and will likely cover two days, with a different section of the Valley featured on each day.

Committee Member Edwards said most of the people who visited his house were from his area. He estimated that about 120 people toured it.

Committee Member Westgaard suggested that the next tour utilize a bus or trolley to make a circuit of the stops. A small fee could be charged to help offset costs. Committee Member Aiello said alternative fuel buses are among the strategies being considered.

Mr. Floyd said a volunteer has stepped forward to videotape the lecture series. The recordings could be used for later broadcast on Channel 11.

e. Green Building Expo

Committee Member Edwards said the Expo Directory has a deadline of August 1. The graphic art and printing costs have been covered by donations. Overall, the planning process is going well.

f. Communications

Committee Member Stanton said work continues on the Exemplary Projects List and material for the Expo.

g. BHAG

Committee Member Davis said conversations are ongoing with the National Bank of Arizona and a real-estate investment trust company regarding green building loan programs.

The Arizona Association for Economic Development will be used as the conduit for the city mentoring program. Mentoring would encourage other municipalities to begin their own green building programs.

Committee Member Davis wrote an article for Valley Forward encouraging the membership to contribute their expertise to the lecture series.

He reported that the ASU School of Design and Construction Management is working to include energy and sustainables models to Building Information Modeling. The 3D computer generated models would generate data that could be used to determine the feasibility of various energy saving strategies.

IX. Other Business

Mr. Floyd suggested that getting other cities involved in the Expo would be one step towards encouraging them to establish their own green building programs.

X. Chair and Member Comments

Committee Member Aiello suggested that the City of Scottsdale could host a conference of cities and towns that would be interested in developing green building programs.

XI. Upcoming Meetings

- a. EQAB Meeting - May 16, 2007
- b. GBAC Meeting - June 12, 2007
- c. Green Building Expo Work Group - May 10, 2007

XII. Upcoming Events

- a. GB Lecture on GREEN Feng Shui - June 7, 2007
- b. Solar Lecture, Solar and Sustainability - May 10, 2007

XIII. Adjournment

With no further business to discuss, the meeting adjourned at 5:08 p.m.

Respectfully submitted,

A/V-Tronics, Inc.